

BARNWELL COUNTY

WELL NUMBER.--331043081185401. Local number, BW-353.

LOCATION.--Lat 33°10'44'', long 081°18'51'', Hydrologic Unit 03050207, 150 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Upper Black Creek Formation.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from surface to 565 ft, 4 in 543-588 ft, depth 588 ft, cased to 588 ft, screened interval from 573 to 583 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 205 ft above sea level. Measuring point: Opening in casing, 1.21 ft above land-surface datum.

PERIOD OF RECORD.--February 1989 to June 1991, April 1993 to June 1994, October 1995 to September 1996.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 31.48 ft below land-surface datum, Mar. 26, 1994; lowest, 39.75 ft below land-surface datum, Sep. 26, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	36.37	35.96	35.80	35.73	36.51	37.69	37.99	39.25
2	---	---	---	---	36.25	36.00	35.78	35.75	36.55	37.76	38.05	39.25
3	---	---	---	---	36.27	35.95	35.79	35.81	36.57	37.82	38.10	39.26
4	---	---	---	---	36.27	36.04	35.79	35.82	36.58	37.86	38.13	39.28
5	---	---	---	---	36.34	36.10	35.80	35.84	36.65	37.87	38.17	39.28
6	---	---	---	---	36.29	36.04	35.85	35.82	36.72	37.83	38.23	39.31
7	---	---	---	---	36.22	36.09	35.83	35.83	36.75	37.80	38.30	39.36
8	---	---	---	---	36.23	36.14	35.76	35.86	36.76	37.84	38.32	39.38
9	---	---	---	---	36.26	35.99	35.62	35.89	36.81	37.89	38.33	39.39
10	---	---	---	---	36.26	35.94	35.65	35.91	36.88	37.91	38.38	39.42
11	---	---	---	---	36.27	35.98	35.67	35.94	36.94	37.92	38.43	39.50
12	---	---	---	---	36.23	36.00	35.70	35.92	36.99	37.83	38.49	39.56
13	---	---	---	---	36.26	35.99	35.73	35.89	37.04	37.76	38.54	39.57
14	---	---	---	---	36.30	35.83	35.72	35.92	37.08	37.79	38.57	39.56
15	---	---	---	---	36.28	35.85	35.62	36.02	37.11	37.81	38.66	39.47
16	---	---	---	---	36.22	35.96	35.65	36.04	37.14	37.80	38.76	39.52
17	---	---	---	---	36.14	35.94	35.71	36.06	37.12	37.79	38.78	39.63
18	---	---	---	---	36.06	35.92	35.76	36.07	37.22	37.81	38.77	39.66
19	---	---	---	---	36.05	35.95	35.77	36.07	37.32	37.80	38.83	39.67
20	---	---	---	---	36.11	35.94	35.74	36.12	37.38	37.79	38.71	39.64
21	---	---	---	---	36.11	35.84	35.75	36.17	37.44	37.80	38.76	39.57
22	---	---	---	---	36.17	35.90	35.78	36.17	37.48	37.80	38.86	39.62
23	---	---	---	---	36.19	35.92	35.80	36.13	37.52	37.80	38.91	39.69
24	---	---	---	---	36.17	35.89	35.79	36.13	37.55	37.80	38.93	39.70
25	---	---	---	---	36.12	35.85	35.80	36.21	37.56	37.81	38.95	39.72
26	---	---	---	36.51	36.11	35.82	35.77	36.25	37.57	37.82	38.98	39.75
27	---	---	---	36.47	36.06	35.86	35.77	36.30	37.59	37.85	39.02	39.73
28	---	---	---	36.43	35.95	35.86	35.79	36.37	37.56	37.88	39.06	39.70
29	---	---	---	36.44	---	35.88	35.82	36.43	37.54	37.88	39.06	39.64
30	---	---	---	36.48	---	35.91	35.77	36.48	37.57	37.90	39.12	39.65
31	---	---	---	36.50	---	35.88	---	36.49	---	37.94	39.22	---
MEAN	---	---	---	36.47	36.20	35.94	35.75	36.05	37.12	37.83	38.63	39.52
MAX	---	---	---	36.51	36.37	36.14	35.85	36.49	37.59	37.94	39.22	39.75
MIN	---	---	---	36.43	35.95	35.82	35.62	35.73	36.51	37.69	37.99	39.25

